



## Former Northwestern Barrel Superfund Site Summary of Residential Soil Sampling Results

**South Milwaukee, Wisconsin**

**May 22, 1998**

This fact sheet provides a summary of laboratory findings of surface and subsurface soil samples collected in March, 1998, from soils of residential properties surrounding the Former Northwestern Barrel (Marina Cliffs) site located in South Milwaukee.

### Summary of Residential Soil Sampling

To address concerns of residents and officials and to determine if drum wastes from the site impacted soils in the vicinity of the residential properties, Connestoga-Rovers & Associates (CRA), a contractor for the cooperating potentially responsible parties, collected 21 subsurface soil samples (down to 10 to 14 feet deep) and 11 surface soil samples (from ½ to 1 foot deep) from residential properties surrounding the property. Samples from various intervals within each of the borings were analyzed. All work was completed under the oversight of the U.S. Environmental Protection Agency (EPA) and the Wisconsin Department of Natural Resources (DNR).

In addition to the samples collected by CRA, EPA's contractor, Ecology & Environment, Inc., collected split samples from approximately 30% of the samples.

For additional information about the constituents analyzed and procedures used, please consult previous EPA fact sheets and the site information repository at the South Milwaukee Public Library.

### Laboratory Results

The results of the surface and subsurface samples show that, for the most part, chemical concentrations found in the residential soils are typical of those found in soils in urban environments. An exception is at a borehole (BH-5), where samples collected at a depth greater than six feet below the ground surface showed higher levels of some constituents than generally found in urban environments.

### Impacts to Health

All of the data, including the data collected at borehole BH-5, have been evaluated for potential risk to public health. Results from this evaluation indicate that the surface and subsurface soils do not pose a health hazard.

### Follow-up to Sampling

CRA has provided laboratory results to managers of properties where samples were collected and has met with interested residents from one property at the request of the property

managers. CRA has offered to meet with the property managers and residents of the other properties to discuss, in detail, results of samples collected from their property.

EPA, CRA, DNR and Wisconsin Department of Health and Family Services (DHFS) continue to evaluate the results to determine the need for additional sampling. At a minimum, additional samples from soils in the vicinity of BH-5 will be collected. Residents will be informed before additional sampling occurs.

### Location of Laboratory Analyses

Laboratory analyses for soils collected by CRA have been placed in the site information repository at the South Milwaukee Public Library. The analyses consist of three bound volumes. In addition, a folder containing copies of letters and a fact sheet from CRA to property managers has been placed in the repository.

As soon as the final report documenting the results of EPA's samples becomes available, it will be placed in the site information repository.

### Next Steps - Other Site Activities

A work plan to address contaminated soils on the site (i.e., soils on the lake bluff, the ravine and upland areas inside the fence) is being developed by CRA. It is expected to be available for public review within the next month. As soon as it is, it will be placed in the information repository.

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### Public Information Open House

EPA will sponsor an open house on June 9 from 5:00 p.m. until 9:00 p.m. in the South Milwaukee City Council Chambers. Representatives from Federal and State agencies will be available at different stations around the room to discuss items of interest to residents. Residents may drop in at any time during the four hour period. Items that will be available for review and discussion include:

- historic aerial photographic interpretation
  - results of the March, 1998, residential soil sampling
  - summary of responses to a questionnaire distributed to residents about public health concerns
  - draft work plan for the excavation of lake bluff, ravine, and upland site soils (if available by the meeting date)
  - miscellaneous - previous site investigations, health information
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**For Additional Information**

If you would like additional information about the former Northwestern Barrel site or upcoming open house, please contact the individuals listed below or visit the site information repository at the South Milwaukee Public Library.

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